

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1284548

Luminaire Tested: P3AS13R20B2750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284548
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R20B2750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

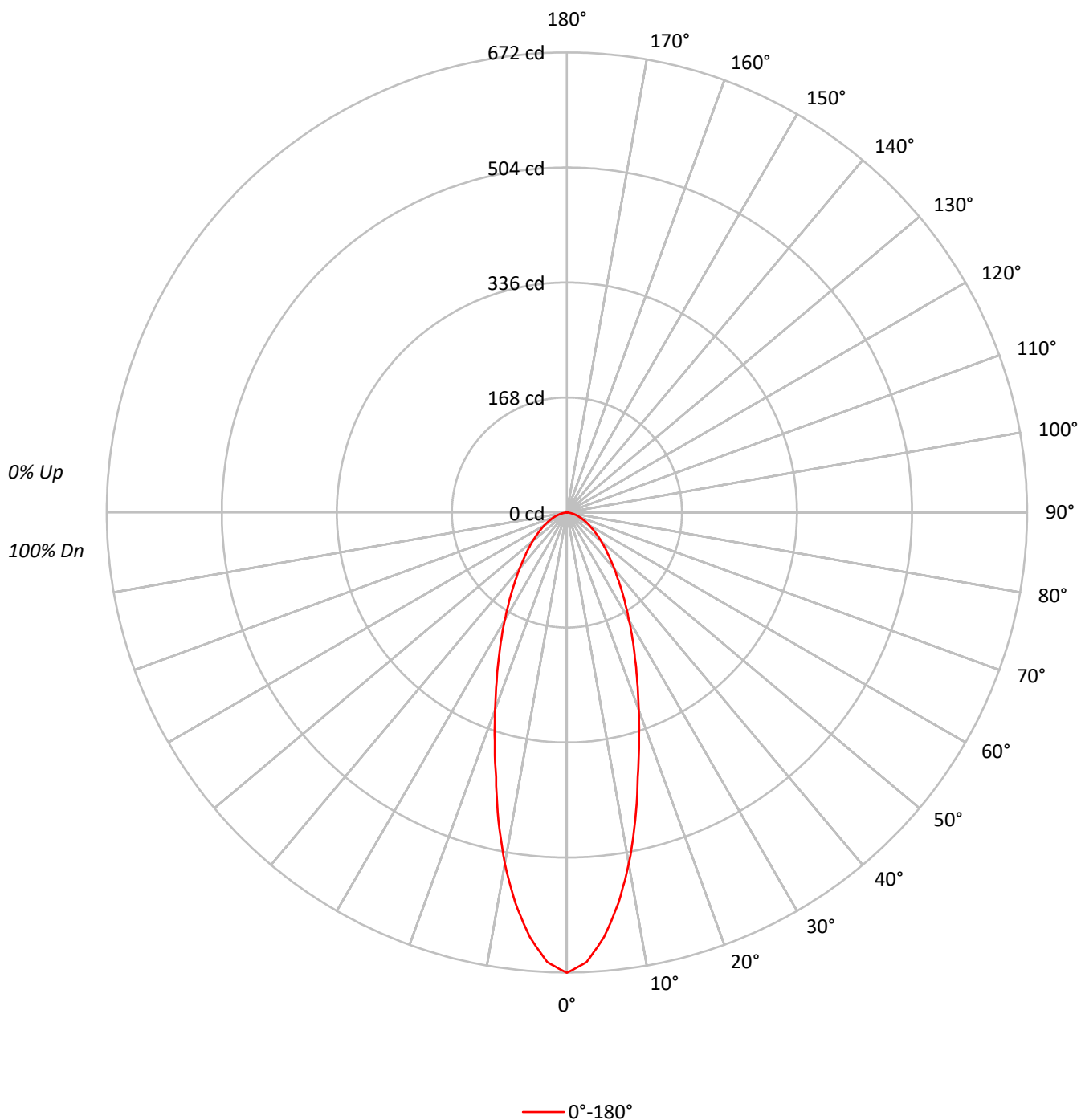
Lumens per Lamp: N/A
Luminaire Lumens: 519.9 lumens
Efficiency: N/A
Efficacy: 27.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	147466
5°	137002
10°	116008
15°	90806
20°	71476
25°	56955
30°	45805
35°	37343
40°	30886
45°	26018
50°	22311
55°	19153
60°	16709
65°	14684
70°	12566
75°	11099
80°	8208
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26018 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.2	10.8
10°-20°	112.0	21.5
20°-30°	108.7	20.9
30°-40°	87.8	16.9
40°-50°	65.3	12.6
50°-60°	45.3	8.7
60°-70°	28.4	5.5
70°-80°	13.8	2.6
80°-90°	2.4	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	276.9	53.3
0°-40°	364.8	70.2
0°-60°	475.4	91.4
0°-90°	519.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	519.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	672	
5°	622	56
15°	400	112
25°	235	109
35°	140	88
45°	84	65
55°	50	45
65°	28	28
75°	13	14
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	672.5
2.5°	657.3
5°	622.4
7.5°	575.5
10°	521.0
12.5°	461.1
15°	400.0
17.5°	349.9
20°	306.3
22.5°	268.1
25°	235.4
27.5°	207.1
30°	180.9
32.5°	159.1
35°	139.5
37.5°	122.1
40°	107.9
42.5°	94.8
45°	83.9
47.5°	74.1
50°	65.4
52.5°	57.8
55°	50.1
57.5°	43.6
60°	38.1
62.5°	33.8
65°	28.3
67.5°	24.0
70°	19.6
72.5°	16.3
75°	13.1
77.5°	9.8
80°	6.5
82.5°	3.3
85°	2.2
87.5°	0.0
90°	0.0

(END OF REPORT)